

**ABSTRACT OF THE DISCLOSURE**

The present invention provides method to improve the efficiency of both serial nuclear transfer and the consequent production of transgenic cells and/or animals. This new method, through the use of at least a second round of nuclear transfer, will enable  
5 donor cells to correct their reprogramming more efficiently generating larger numbers of useful transgenic embryos. Because the reprogramming of the embryos generated is enhanced the current invention will allow for the production of healthier transgenic animals.